

PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.169)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Patent Office (India) (RO/IN)
0-7	Applicant's or agent's file reference	HDL-PCT-28
I	Title of Invention	A NOVEL CRYSTALLINE FORM OF RUPATADINE FREE BASE
II	Applicant	applicant only
II-1	This person is	all designated States except US
II-2	Applicant for	all designated States except US
II-4	Name	HETERO DRUGS LIMITED
II-5	Address	Hetero House, 8-3-166/7/1, Erragadda, Hyderabad, Andhrapradesh 500018 Hyderabad India
II-6	State of nationality	IN
II-7	State of residence	IN
II-8	Telephone No	0091-40-23714249
II-9	Facsimile No	0091-40-23774646
II-10	e-mail	bpsreddy@heterodrugs.com

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III-1	Applicant and/or inventor	applicant and inventor US only PARTHASARADHI REDDY, bandi Hetero House, 8-3-166/7/1, Erragadda, Hyderabad, Andhrapradesh 500018 Hyderabad India IN IN
III-1-1	This person is	
III-1-2	Applicant for	
III-1-4	Name (LAST, First)	
III-1-5	Address	
III-1-6	State of nationality	
III-1-7	State of residence	
III-2	Applicant and/or inventor	applicant and inventor US only RATHNAKAR REDDY, kura Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar 500018 Hyderabad India IN IN
III-2-1	This person is	
III-2-2	Applicant for	
III-2-4	Name (LAST, First)	
III-2-5	Address	
III-2-6	State of nationality	
III-2-7	State of residence	
III-3	Applicant and/or inventor	applicant and inventor US only RAJI REDDY, rapolu Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar 500018 Hyderabad India IN IN
III-3-1	This person is	
III-3-2	Applicant for	
III-3-4	Name (LAST, First)	
III-3-5	Address	
III-3-6	State of nationality	
III-3-7	State of residence	
III-4	Applicant and/or inventor	applicant and inventor US only MURALIDHARA REDDY, dasari Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar 500018 Hyderabad India IN IN
III-4-1	This person is	
III-4-2	Applicant for	
III-4-4	Name (LAST, First)	
III-4-5	Address	
III-4-6	State of nationality	
III-4-7	State of residence	

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III-5	Applicant and/or inventor	applicant and inventor	
III-5-1	This person is	US only	
III-5-2	Applicant for	SUBASH CHANDER REDDY, kesireddy	
III-5-4	Name (LAST, First)	Hetero Drugs Limited (R & D),	
III-5-5	Address	Plot No. B-80 & 81, A.P.I.E., Balanagar	
		500018 Hyderabad	
		India	
III-5-6	State of nationality	IN	
III-5-7	State of residence	IN	
V	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority Claim	NONE	
VII-1	International Searching Authority Chosen	Austrian Patent Office (ISA/AT)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	1	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(i) and 51bis 1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	in relation to this international application HETERO DRUGS LIMITED is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1(i)		HETERO DRUGS LIMITED is entitled as employer of the inventor, PARTHASARADHI REDDY, bandi
VIII-2-1(i)		HETERO DRUGS LIMITED is entitled as employer of the inventor, RATHNAKAR REDDY, kura
VIII-2-1(i)		HETERO DRUGS LIMITED is entitled as employer of the inventor, RAJI REDDY, rapolu
VIII-2-1(i)		HETERO DRUGS LIMITED is entitled as employer of the inventor, MURALIDHARA REDDY, dasari
VIII-2-1(i)		HETERO DRUGS LIMITED is entitled as employer of the inventor, SUBASH CHANDER REDDY, kesireddy
VIII-2-1(i)x)	This declaration is made for the purposes of:	all designations except the designation of the United States of America


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VIII-4-1	<p>Declaration: Inventorship (only for the purposes of the designation of the United States of America) Declaration of Inventorship (Rules 4.17(iv) and 5.1bis 1(a)(iv)) for the purposes of the designation of the United States of America:</p>	<p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to the international application of which it forms a part (if filing declaration with application).</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications"; by application number, country or Member of the World Trade Organization, day, month, and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p>
VIII-4-1-1	Prior applications:	



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		<p>I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>
VIII-4-1-1-1	Name (LAST, First)	PARTHASARADHI REDDY, bandi
VIII-4-1-1-2	Residence: (city and either US State, if applicable, or country)	Hyderabad, India
VIII-4-1-1-3	Mailing address:	Hetero House, 8-3-166/7/1, Erragadda,
		Hyderabad, Andhrapradesh 500018
		Hyderabad India
		IN
VIII-4-1-1-4	Citizenship:	
VIII-4-1-1-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 20ter after the filing of the International application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-1-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 20ter after the filing of the International application)	30-03-2005


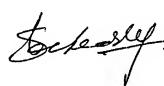
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VIII-4-1-2-1	Name (LAST, First)	RATHNAKAR REDDY, kura
VIII-4-1-2-2	Residence: (city and either US State, if applicable or country)	Hyderabad, India
VIII-4-1-2-3	Mailing address:	Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar 500018 Hyderabad India
VIII-4-1-2-4	Citizenship:	IN
VIII-4-1-2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-2-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	30/03/2005
VIII-4-1-3-1	Name (LAST First)	RAJI REDDY, rapolu
VIII-4-1-3-2	Residence: (city and either US State, if applicable or country)	Hyderabad, India
VIII-4-1-3-3	Mailing address:	Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar 500018 Hyderabad India
VIII-4-1-3-4	Citizenship:	IN
VIII-4-1-3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-3-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	30/03/2005





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VIII-4-1-4-1	Name (LAST, First)	MURALIDHARA REDDY, dasari
VIII-4-1-4-2	Residence: (city and either US State if applicable, or country)	Hyderabad, India
VIII-4-1-4-3	Mailing address:	Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar 500018 Hyderabad India
VIII-4-1-4-4	Citizenship:	IN
VIII-4-1-4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-4-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	30/3/05
VIII-4-1-5-1	Name (LAST, First)	SUBASH CHANDER REDDY, kesireddy
VIII-4-1-5-2	Residence: (city and either US State if applicable, or country)	Hyderabad, India
VIII-4-1-5-3	Mailing address:	Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar 500018 Hyderabad India
VIII-4-1-5-4	Citizenship:	IN
VIII-4-1-5-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-5-6	Date (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	30/03/2005

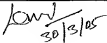

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	10	✓
IX-2	Description	6	-
IX-3	Claims	1	-
IX-4	Abstract	1	✓
IX-5	Drawings	3	-
IX-7	TOTAL	21	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	 30-03-2005	
X-1-1	Name	HETERO DRUGS LIMITED	
X-1-2	Name of signatory	PARTHASARADHI REDDY, bandi	
X-1-3	Capacity		
X-2	Signature of applicant, agent or common representative	 30-03-2005	
X-2-1	Name (LAST, First)	PARTHASARADHI REDDY, bandi	
X-2-2	Name of signatory		
X-2-3	Capacity		
X-3	Signature of applicant, agent or common representative	 30/03/2005	
X-3-1	Name (LAST, First)	RATHNAKAR REDDY, kura	
X-3-2	Name of signatory		
X-3-3	Capacity		
X-4	Signature of applicant, agent or common representative	 30/03/2005	
X-4-1	Name (LAST, First)	RAJI REDDY, rapolu	
X-4-2	Name of signatory		
X-4-3	Capacity		

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X-5	Signature of applicant, agent or common representative	 30/13/05
X-5-1	Name (LAST, First)	MURALIDHARA REDDY, dasari
X-5-2	Name of signatory	
X-5-3	Capacity	
X-6	Signature of applicant, agent or common representative	 30/03/2005
X-6-1	Name (LAST, First)	SUBASH CHANDER REDDY, kesireddy
X-6-2	Name of signatory	
X-6-3	Capacity	

FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/AT
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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13-2-3	Validation messages Names	Green? Applicant 1:Street address missing
	Validation messages Names	Green? Applicant 2:Street address missing
	Validation messages Names	Green? Applicant 3:Street address missing
	Validation messages Names	Green? Applicant 4:Street address missing
	Validation messages Names	Green? Applicant 5:Street address missing
	Validation messages Names	Green? Applicant 6:Street address missing
13-2-4	Validation messages Priority	Green? No priority of an earlier application has been claimed. Please verify
13-2-6	Validation messages Declarations	Green? Manually inputted data. Please verify the contents of the information provided.
13-2-7	Validation messages Contents	Green? Figure of the drawings which should accompany the abstract not specified. Please verify.

The present invention relates to a novel crystalline form of rupatadine free base, process for its preparation and to a pharmaceutical composition containing it. In accordance with the present invention rupatadine is suspended in n-hexane, n-heptane, cyclohexane, diethyl ether or diisopropyl ether, stirred for at least 1 hour, filtered the solid and dried to give crystalline rupatadine form-B. The isolation of novel rupatadine free base as crystalline form-B may be useful as a purification of rupatadine or a salt thereof